

# MATERIAL SPOTLIGHT



## Polyimide Films and Tapes

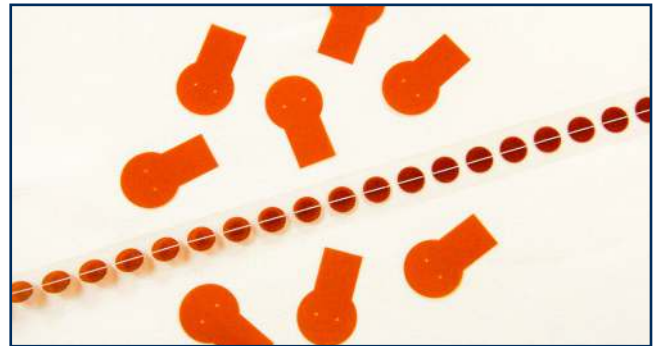
Polyimide film has the ability to maintain its physical, mechanical and electrical properties at extreme temperatures making it appealing for a wide range of applications. It can be easily laminated with pressure sensitive adhesive and other materials, and converted to a custom size and specific geometry.

### Key Properties

- Stable at extremely high and low temperatures
- Flame retardant
- Halogen free
- REACH / RoHS compliant
- UL94 V-0
- Ultra-thin & light-weight
- Chemical resistant
- Good mechanical resistance

### Customizable to Meet Your Requirements

- Available coatings for printing
- Color-able, including light-absorbing black, light reflective white
- Single or double-coated tapes
- Lamination with high temperature adhesives, ie: silicone
- ESD static dissipative / anti-static liners
- Hard coating
- Precision die-cut and slit widths
- Combined with other materials to achieve thermal and electrical conductivity or resistivity



## DUPONT™ KAPTON® POLYIMIDE FILMS

Kapton® is a brand of polyimide film that was developed by Dupont™ in the 1960's. Since it's development, the Kapton line of polyimide materials has set the industry standard in high performance, reliability, and durability. You can find Kapton films in a wide range of applications, from space suits to smart phones.

Marian manufactures many die-cut parts utilizing Kapton Film. Contact us to learn more.





Marian is a global leader in providing precision die-cut component parts for customers in the consumer electronics, automotive, and medical industries. With over 1,000,000 square feet of production space worldwide and state-of-the-art manufacturing technologies, Marian engineers work closely with customers to solve complex manufacturing and assembly problems. Marian’s responsive approach, in-depth material knowledge, innovative manufacturing capabilities, and high standards for quality all add up to provide you with the best component solutions in the industry.



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